BEST AVAILABLE COPY

Sheet 1 of 2

Form PTO-1449 U.S. Department of Commerce				Atty. Docket No. Serial No. 147/49991 TBA				
		Patent & Trademark		Applicants Johannes HEBEBRAND, et al.				
		N DISCLOSURE STAT		Filing Date Group /655			1655	
U.S. PATENT DOCUMENTS								
Examiner Initial		Document Number	Date	Name	Class	Sub- Class	Filing Date (if appropriate)	
	AA				<u> </u>			
		·	FOREIGN PA	ATENT DOCUMENTS	,			
		Document	Date	Country	Class	Sub- class	Translation Yes No	
Ra	АВ	EP0138441	04/1985	Europe	<u> </u>		Yes	
RO	AC	WO9800130	01/1998	WO			Yes	
	THER	DOCUMENTS (Inclu	ding Author	c, Title, Date, P	ertinent	Pages,	Etc.)	
RO	AD	Karl M. WILBUR, Anhydrase" Journ	"Electrome"	tric and Colorime ogical Chemistry,	tric De Vol. 1	terminat: 76, 1948	ion of Carbonic	
	AE	Claudia T. SUPURAN, "Carbonic anhydrase inhibitors and their therapeutic potential" Ashley Publications Ltd., pp. 1354-3776, 2000						
	AF	MK HELLERSTEIN, "De novo lipogenesis in humans: metabolic and regulatory aspects" European Journal of Clinical Nutrition, 1993						
	AG	Bruce E. MARYANOFF, "Structure-Activity Studies on Anticonvulsant Sugar Sulfamates Related to Topiramate. Enhanced Potency with Cyclic Sulfate Derivatives" J. Med. Chemistry, Vol. 41, pp. 1315-1343, 1998						
	АН	Susanna J. DODGSON, "Topiramate as an Inhibitor of Carbonic Anhydrase Isoenzymes" Epilepsia, Vol. 41, 2000						
	AI	Y. Pocker, J.T. STONE, "The Catalytic Versatility of Erythrocyte Carbonic Anhydrase. The Enzyme-Catalyzed Hydrolysis of ρ-Nitrophenyl Acetate" Journal of the American Chemistry Society, 87:23, 1965						
V	AJ	Robert W. HECK, "Catalytic Properties of Mouse Carbonic Anhydrase V*" The Journal of Biological Chemistry, Vol. 269, No. 40, 1994						
EXAMINER	EXAMINER ROTTONIEN DATE CONSIDERED 8/11/00							
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.								



PTO/SB/08a (08-03)

Approved for use through 07/31/2005. OMB 0551-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

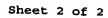
Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known								
				Application Number			09/907,440					
				Filing Date First Named Inventor			July 18, 2001 JOHANNES HEBEBRAND					
(use as many sheets as necessary)					Examiner Name			R J GITOMER				
Sheet 1 of 1			Attorney Docket Number		147/49991	147/49991						
	_			11.0.1	PATENT D	OCIU	MENTS			\neg		
Firemines	Cite				tion Date		ame of Patentee	e or	Pages, Columns, Lines, Where			
Examiner Initials'	No.1	Document Number			D-YYYY	Applicant of Cited Document			Relevant Passages or Relevant Figures Appear			
		Number-Kind Code ¹ (if										
		US-		1								
		US-			-			<u> </u>				
		US-			_							
		US-		1								
		US-		 								
		US-		 								
		us-		 								
		US-				-						
		US-		 		 -						
				 		₩						
		US-										
	_			FOREIG	N PATEN	T DO	CUMENTS	-				
	Γ	5							Pages, Columns, Lines,			
Examiner			n Patent Document		Publication Date Name		Name of F	Patentee or	Where Relevant Passages	rº		
Initials'	No.1	Country Code ³ -Number ⁴ -Kind Code ⁶ (if known)		⁸ (if known)				ited Document	or Relevant Figures Appear	H		
126	AA	WO-94	/09813-A1		05-11-1	994	GENENT	ECH, INC.		<u> </u>		
	ļ					-						
				· · · · · · · · · · · · · · · · · · ·						+-		
				NON PATE	NT LITERA	TURE	DOCUMENTS	· · · · · · · · · · · · · · · · · · ·				
Examiner		Include comp =f f	ho author	(in CADITAL	1 ETTERS	title of	the article (who	en appropriate)	title of the item (book, maga	zine.		
Initials*	No.1	include name of t	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where									
		Journal, Contai,				pu	blished.					
	1											
	+											
									-1/			
Examiner		1617	om	en				Date Considered	8/11/05			
Signature								CONSIDERED				

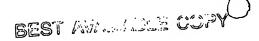
*EXAMINER; Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional), 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04, 3 Enter Office that issued the document, by the two-tetter code (WIPO Standard ST.3). 4 For Japanese patent documents, the Indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to tile (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the inclinidual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. OBEST AVAILABLE COPY

FORM PTO-1449 U.S. Department of Commerce Patent & Trademark Office		Attorney Docket No. 147/49991	Serial No. 09/907,440			
		Applicant: Johannes HEBEBRAND, et al.				
	N DISCLOSURE STATEMENT al sheets if necessary)	Filing Date July 18, 2001	Group /655			

Examiner		Document	 	. PATENT DOCUMENTS		Sub-	E: 1:	ng Date
Initial		Number	Date	Name ··	Class	Class		propriate
	AA		- 					
	AB					ļ		
	AC					<u> </u>		
•	AD					<u> </u>		
	AE							
	AF		•					
	AG		<u>.</u>					
	АН							
	AI							
	AJ							
			FORE1	GN PATENT DOCUMENTS		· •		
Examiner		Document				Sub-	TRANSLATION	
Initial		. Number	Date	Name	Class	Class	Yes	No
	AK					-	-	
	AL					- 	 	
	AM							
	AN					-	 	
	AO							
	AP		1			1	<u> </u>	
				Author, Title, Date,			T	777
RG	AQ	Claudiu T. SUPURAN, et al., "Carbonic anhydrase inhibitors and their therapeutic potential" Expert Opinion on Therapeutic Patents, 2000						
RG	AR	M. K. HELLERS	TEIN, et al. y aspects" E	, "De novo lipogenesis uropean Journal of Cli	in humans: m nical Nutriti	etaboli on, 199	.c	
	AS	26178						





Form PTO-14	49	U.S. Department of Commerce Patent & Trademark Office	Atty. Docket No. 147/49991	Serial No. TBA			
71mon1	••		Applicants Johannes BEBEBRAND, et al.				
	-	N DISCLOSURE STATEMENT 1 sheets if necessary)	Filing Date Herewith	Group /655			
C	THER	DOCUMENTS (Including Author	r, Title, Date, Pertinen	t Pages, Etc.)			
16	AK	Gautam SANYAL, "Thermodynam Journal of Biological Chem	mics of Carbonic Amhydrase Catalysis" The histry, Vol. 256, No. 2, 1981				
	AL		cties of Maximal Seizures, and their Alteration and other Agents" University of Utah School of				
	AM	te Carbonic Anhydrase lysis of ρ-Nitrophenyl					
	AN	substituted-pyridinium der	ic anhydrase inhibitors-Part 53. Synthesis of vatives of aromatic sulfonamides: The first meable inhibitors with selectivity for emistry, Vol. 33, 1998				
	АО	Graham CHEN, "Evaluation o Activities" Department of					
	AP	Soluble, Aminoacyl/Dipepti	nic Anhydrase Inhibitors: Synthesis of Water- dyl Sulfonamides Possessing Long-Lasting ring Properties via the Topical Route" J. Med.				
	AQ		rbon Dioxide Hydration Activity of Carbonic Biological Chemistry, Vol. 246, No. 8, 1971				
AR Stacy A. HAZEN, "Differentiation-dependent expression of CA V and the role of carbonic anhydrase isozymes in pyruvate carboxylation in adipocytes" The FASEB Journal, 1995							
V	ates. 2,3:4,5-Bis-O-(1- Related Compounds"						
EXAMINER	R	GITOMER	DATE CONSIDERED 8/11/05				
EXAMINER:	line	tial if citation considered, whether through citation if not in confort communication.					